



LEADER COURSE

INFORMATION BRIEF

**SAPPER TRAINING DETACHMENT
HHC, 577TH ENGINEER BATTALION
1ST ENGINEER BRIGADE**



Purpose

This information brief explains the relevance of the Sapper Leader Course and how it impacts the Army's junior leaders and Joint Services and Multinational soldiers.



Agenda

- **CURRENT SAPPER LEADER COURSE**
 - Mission
 - Eligibility
 - Method
 - Course overview
 - Graduation criteria
 - Joint service/multinational graduates
 - Training value



Mission Statement

**TO TRAIN JOINT SERVICE LEADERS IN
SMALL UNIT TACTICS, LEADERSHIP
SKILLS, AND WARFIGHTER TACTICS
REQUIRED TO PERFORM AS A MEMBER OF
A COMBINED ARMS TEAM IN A
CONTEMPORARY OPERATING
ENVIRONMENT.**



Intent

TO PRODUCE AGGRESSIVE,
DISCIPLINED, AND WELL
TRAINED WARRIOR LEADERS THAT ULTIMATELY
INCREASE THE ARMY'S COMBAT READINESS IN
THE JOINT FORCE AND THE NATION.

Endstate

A MORE RELEVANT AND READY JUNIOR LEADER
INSTILLED WITH THE WARRIOR AND
EXPEDITIONARY MINDSET.



Eligibility

- Open to Army combat units, Joint services, and International services (primarily engineers)
- Enlisted: E4(P) and above
- Officer: O-3 and below (including cadets)



Method

- Keeping within the frameworks of leadership
- Light engineer and infantry tactics
- Hands-on, performance oriented training
- High risk training
- Stressful, intensive field conditions
- Rotate through leadership positions



Instructor Qualifications

- Sapper *
- Ranger *
- Airborne *
- Air Assault
- Pathfinder
- Mountain Warfare
- Jumpmaster
- Rappel master

Note: * Mandatory



Course Overview

- 28 days of training
- Phase I – General Subjects- GS (14 days)
 - Classroom Instruction
 - Practical Exercises
 - Written Exams
- Phase II – Patrolling- PAT (14 days)
 - Classroom Instruction (4 days)
 - Field (10 days)



General Subjects

- Physical fitness
 - APFT
 - Urban orienteering
 - 3.1, 6.2 mile runs
 - Litter run (3.2 miles)
 - Last soldier up run (3 miles)
 - Boat drills
 - Boot run (3.1 mile w/LBE and weapon)
 - 12 Mile foot march



General Subjects

- Demolitions
 - Identify characteristics of military explosives
 - Calculate conventional demolition
 - Construct Modernized Demolitions Initiator (MDI) systems
 - Construct, prime, detonate expedient demolition charges (ie. grape shot, etc.)
 - Construct Demolitions Effects Simulators (DES)
 - Calculate, place, detonate urban MOUT charges



General Subjects

- Air operations
 - Sling load operations
 - Set up helicopter landing / pick-up zones
 - Tie and inspect rappel point anchor system
 - Aeromedivac



General Subjects

- Mountaineering
 - Identify, characteristics, capabilities, and maintenance requirements of basic mountaineering equipment
 - Tie and identify 11 knots used in basic mountaineering
 - Construct field expedient lifting/lowering devices
 - Perform climbing and mountaineering tasks
 - Conduct rappels



General Subjects

- Waterborne operations
 - Execute assault boat crossing
 - Perform helocast
 - Identify types and characteristics capabilities of boats
 - Perform rigging and capsize drills



General Subjects

- Medical techniques
 - Evaluate and treat casualties
 - Perform medical evacuation procedures
 - Administer intravenous fluids
 - * CLS Recertification



General Subjects

- Foreign mines and weapons
 - Detect and identify foreign mines using AN/PSS12
 - Identify mines using visual mine indicators
 - Identify AK Series assault rifles and machine guns
 - Fire AK Series assault rifles



General Subjects

- Booby traps / Improvised Explosive Devices
 - Set up check point and search vehicles for booby traps/IEDs
 - Employ training booby traps/IEDs in an urban and field environment
 - Neutralize booby traps/IEDs in an urban and field environment



Patrolling

- Combatives
 - Take downs
 - Arm bars
 - Chokes
 - Dominant positions



Patrolling

- Troop leading procedures
 - 8 step process
 - Duties and responsibilities of patrol members
 - Inspections and rehearsals (PCC/PCI's)
 - Formulate supply requests
 - Risk management



Patrolling

- Fundamentals of patrolling
 - Individual movement techniques
 - Patrol organization and movement
 - Convoy movements
 - Selecting individual fighting positions
 - Range cards
 - Individual soldier discipline



Patrolling

- Combat orders
 - Warning order
 - Operations order (7hour, 5hour, and 3hour plans)
 - Fragmentary order
 - Coordinations (to include civil affairs)



Patrolling

- Survival
 - Basic needs
 - Water/ food procurement
 - Small game preparation
 - Field craft



Patrolling

- Raid, Recon, Ambush
 - Crawl, Walk, Run
- Breaching
 - Fundamentals
 - Types of breaching
 - Elements of the Breach Force



Patrolling

- Military operations in urban terrain (MOUT)
 - High intensity
 - Controlled fire techniques
 - Rules of Engagement
 - Individual Close Quarters Battle (CQB) skills
 - Enter building/room, stairwells, hallways, etc.
 - Collective CQB tasks (up to platoon level)



Patrolling

- Evaluated patrols
 - Patrol base operations
 - Raid, recon, ambush
 - Bridge reconnaissance/demolitions
 - Clear bunker/ trench
 - MOUT
 - React to improvised explosive devices



Graduation Criteria

- 12-mile Foot March (w/ 1 retest)
- Land Navigation (w/ 1 retest)
- Demolitions calculations (w/ 1 retest)
- Leadership grades (50% Go)
- Earn 700 of 1000 points
- Participate in all training



Army

- By MOS from 2000 to 2004
 - 21B = 1156
 - Cadets = 124
 - 21N = 91
 - 11B = 74
 - 21D = 21
 - 91 Series = 18
 - 51B = 16
 - 19D = 9
 - 92R = 8
 - 31U = 4
 - 71L = 2
 - 54B = 2
 - 56A = 1
 - 82D = 1
 - 95B = 1



USMC

- Class 01-01
 - 2 Officers
 - Class 02-01
 - 1 Officer, 3 NCO's
 - Class 04-02
 - 2 Officers, 12 NCO's
 - Class 10-02
 - 2 Officers
 - Class 08-03
 - 1 Officer
- Total = 23



Foreign Students

- Hungarian
 - 1 Officer class 07-03
- German
 - 4 Officers class 07-03
- Canadian
 - 3 NCO's class 10-03
- Jamaican
 - 1 NCO class 03-04



Training Value

- Improved leadership skills
- Warrior Ethos
- Initiative/Flexible/Adaptive
- Troop-leading ability
- Demolitions expertise
- Greater confidence
- Increased unit cohesion



QUESTIONS ?

Training today's warriors,
building tomorrow's leaders.

WWW.WOOD.ARMY.MIL/SAPPER



PURPOSE

THIS IS AN INFORMATION BRIEF ON TWO
POTENTIAL COURSES OF ACTION OF THE
SAPPER LEADER COURSE TO LINK
ENGINEER BNCOC TO KEEP THE
REGIMENT'S SCHOOLS RELEVANT TO
TODAY'S ARMY NEEDS.

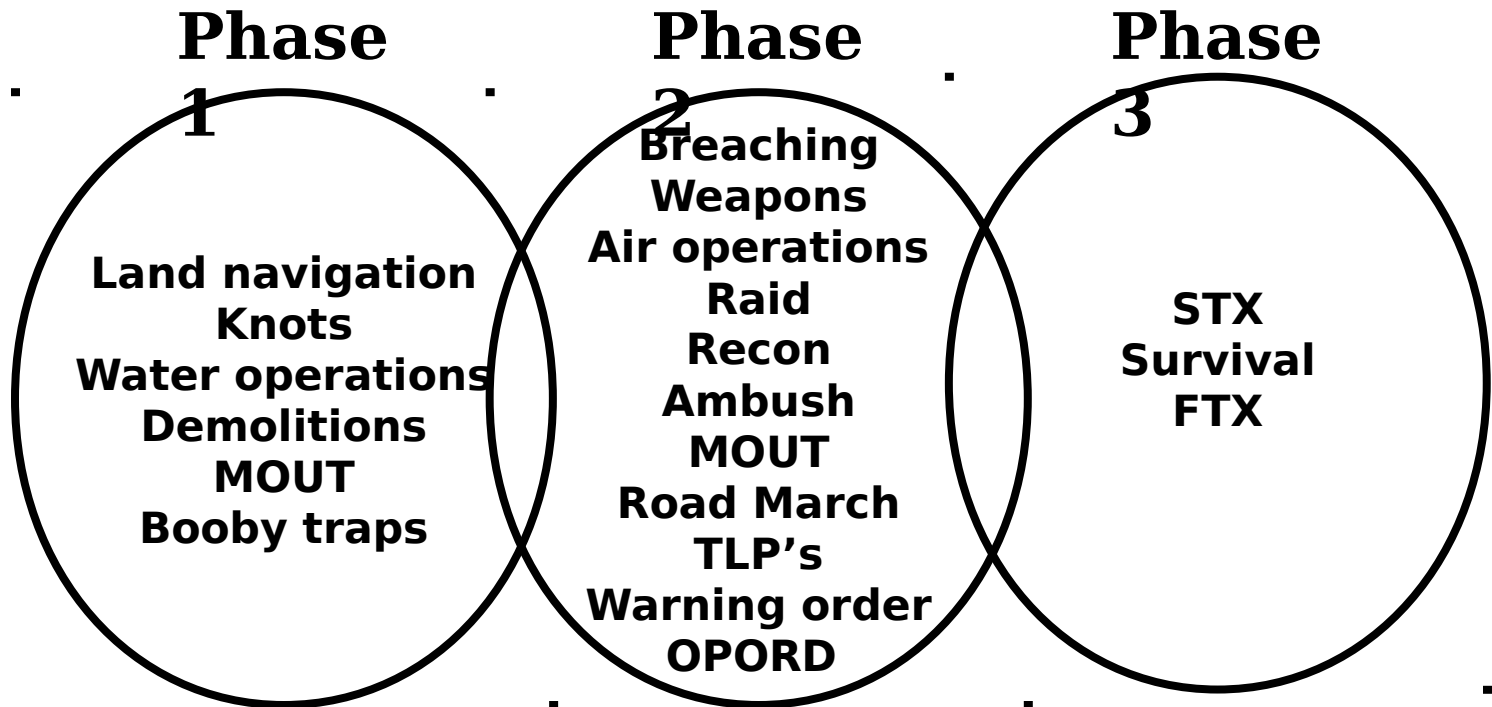


AGENDA

- Course of Action 1
- Course of Action 2
 - Overview
 - Eligibility
 - Discussion
 - Funding



COURSE OF ACTION 1



- 2 class session per month
- 20 sessions a year
- 50 soldiers per class
- 28 day (4 wk) course
- Training 750 to 1,000 soldiers annually
- **Allowing graduating class of BNCOC 20 slots**
- 3 phases of the Sapper Leader Course



ELIGIBILITY

- Open to all Army units, Joint services, and International services
 - Enlisted: E4(P) and above
 - Officer: O-3 and below (including cadets)
- Open to engineer professional development school students (BNCOC, ANCOC and EOBC)



COURSE OF ACTION 1

ADVANTAGES

- The sapper and ENGR NCOES remains separate
- The sapper school will still be a premier Army school
- Growth of the sapper school
- More engineer junior leaders trained

DISADVANTAGES

- Aligning course schedules
- Assigning slots
- BNCOC students will remain at FLW additional 28 days
- Funding of NCOs from BNCOC to SLC



COURSE OF ACTION

2

Phase

Phase

1

2

SACC (Common Core)

APFT/600-9

FBCB2

Recon (forms/graphics)

Mine warfare

Combat Orders

Combat construction

Call for fire

Battle focus training

Human Intel gathering

Coordination's

Land navigation

Demolitions

Demolitions

TLP's/PCI's

Mountain operations

Water operations

Threat weapons

MOUT

Patrol organization/MVMT

Battle Drills

Patrol Base

Combat patrols

Combat Orders

STX/FTX

Booby traps/IED's

Human Intel gathering

Coordination's

Advanced Marksmanship

STX/FTX

Notes. SLC training geared to the Engineer Regiment
:

- BNCOC and SLC merge, both course timelines change
- Phase 1 (BNCOC instructors)



ELIGIBILITY

- Open only to engineer professional development school students (BNCOC, ANCOC and EOBC)



COURSE OF ACTION 2

ADVANTAGES

- Every NCO in the engineer regiment will possess skills gained at the SLC
- Shorter course
- SLC embedded into NCOES and OES

DISADVANTAGES

- Only supports the engineer regiment
- The standards change
- The product change
- No more sapper school



SAPPER LEADERS COURSE

COA 1

- SLC is a stand alone course
- SLC under HHC 577th Engineer Battalion
- 28 day course
- Open to all MOS's
- 1,000 soldiers trained annually (max)
- Instructor qualifications

COA 2

- SLC incorporated in NCOES
- SLC part of NCOA
- No more sapper school
- Only open to engineers
- All junior engineer leaders have sapper leader training



QUESTIONS ?

Training today's warriors,
building tomorrow's leaders.

WWW.WOOD.ARMY.MIL/SAPPER